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WO 03/063851 A1

(54) Title: COMPOSITION FOR PHARMACEUTICAL OR DIETETIC USE FOR COMBATING HAIR LOSS

(57) Abstract: The present invention relates to a novel use of the polyamine known as spermidine, i.e. N-(3-aminopropyl)tetramethylenediamine, as an active principle in the preparation of a composition for pharmaceutical or dietetic use in man for combating hair loss.

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/EP 03/00519

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61K31/13 A23L1/03 A61K7/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61K A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, PAJ, WPI Data, BIOSIS, CHEM ABS Data, EMBASE, FSTA

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	P.I.HYND, M.J.NANCARROW: "Inhibition of polyamine synthesis alters hair follicle function and fiber composition" JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 106, no. 2, 1996, pages 249-253, XP008006126 page 249 page 251 page 252, column 2 figures 4,5	1
A	WO 96 23490 A (COSMEDERM TECHNOLOGIES) 8 August 1996 (1996-08-08) claims 1,2,18,40,41,46,48	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9623490	A	08-08-1996	AU 4861196 A	21-08-1996
			CA 2212127 A1	08-08-1996
			EP 0806947 A1	19-11-1997
			JP 10513452 T	22-12-1998
			WO 9623490 A1	08-08-1996